

Title (en)

METHOD OF USING CLOCK CYCLE-TIME IN DETERMINING LOOP SCHEDULES DURING CIRCUIT DESIGN

Title (de)

VERFAHREN ZUR BENNUTZUNG VON TAKTZEITEN ZUR BESTIMMUNG VON SCHLEIFENDURCHLÄUFEN WÄHREND DES SCHALTUNGSDESIGNS

Title (fr)

PROCEDE D'UTILISATION DU CYCLE D'HORLOGE POUR DETERMINER LES PROGRAMMES DE BOUCLES PENDANT LA CONCEPTION D'UN CIRCUIT INTEGRE

Publication

EP 1550058 A2 20050706 (EN)

Application

EP 03774592 A 20031003

Priority

- US 0331618 W 20031003
- US 26682602 A 20021007

Abstract (en)

[origin: US2004068708A1] A method for determining validity of a proposed loop iteration schedule comprising the steps of receiving a dependence graph including operations and edges between said operations; receiving a performance specification; receiving an assignment of latencies to operations of said dependence graph; and determining existence of a placement of clock cycle-boundaries in said dependence graph such that all dependence and timing constraints are satisfied for the performance specification.

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G06F 17/50

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DE

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US 2004068708 A1 20040408; US 7096438 B2 20060822; AU 2003282707 A1 20040504; EP 1550058 A2 20050706; JP 2006502501 A 20060119; WO 2004034290 A2 20040422; WO 2004034290 A3 20041202; WO 2004034290 A9 20050825

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